

Atlantic Richfield Company

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CERTIFIED – RETURN RECEIPT REQUESTED

Mr. Jim Sickles
Project Manager
U.S. Environmental Protection Agency Region 9
75 Hawthorne Street, SFD-8-2
San Francisco, CA 94105

**Subject: January 2007 Monthly Report, Yerington Mine Site, Lyon County, Nevada:
Unilateral Administrative Order for Initial Response Activities, EPA Docket No. 9-
2005-0011**

Dear Mr. Sickles:

Pursuant to the above referenced order, please note the following monthly status report for Atlantic Richfield Company activities at the Yerington Mine Site during December 2006.

Operations, Maintenance and Site Security

- Pumpback well system averaged approximately 62.1 gpm; all 11 wells operated 24/7 with minor downtime for preventative maintenance (wells PW-4, PP-5, PW-6, PW-7 and PW-11).
- Arimetco heap leach fluid management system (FMS) operations continued. Total estimated gallons transferred to Evaporation Pond from VLT Pond = 243,000 gal. SSP to VLT Pond = 0 gal; SSP to Evaporation Pond = 0; Plant Feed to Evaporation Pond = 0 gal. Pumping from VLT Pond to Evaporation Pond hampered by freezing conditions.
- Site Security Fencing Activities: 2006 site security fencing project completed January 5; fencing project as-built design documents submitted to EPA, BLM and NDEP on January 30.
- Break-in to Process Area buildings discovered in progress on January 15, and suspect apprehended off site by Lyon County Sheriff.
- Guidance on conducting wildlife observations, and protocols for reporting dead wildlife observed during routine site security patrols, was developed and transmitted to Norwest security personnel.

Groundwater Monitoring

- Continued fourth quarter site-wide groundwater sample analysis QA/QC review process.
- Site-wide monthly groundwater elevation measurements planned for February 1.

Site Characterization

- Continued review of RI/FS Scope of Work.
- Completed the draft Interim Work Plan for the Anaconda Evaporation Ponds, which was submitted to EPA and technical stakeholders on January 31.
- Completed field construction of new equipment for the revised air quality monitoring program, and initiated calibration of the new equipment.
- Continued development of the Work Plan for a screening-level inhalation risk evaluation (SLIRE).

A BP affiliated company



Other Site Activities

- Participation in Yerington Stakeholders meeting on January 16.
- Kevin Kritz (USFWS) conducted bird count on January 26, and was informed of a dead owl observed by NORWEST personnel southeast of the Process Areas. Mr. Kritz indicated that about 20 dead owls have been found recently in a cemetery near Yerington and suspected that they were poisoned by a rodenticide used by local farmers. FWS is seeking confirmation of this hypothesis by conducting a necropsy on some of the dead owls.

Planned February 2007 Activities

- Continue O&M and site security activities.
- Continue December 2006 groundwater sampling event data management activities.
- Continue compilation of data for 2006 pumpback well system and groundwater monitoring annual summary report.
- Continue calibration of the air quality monitoring equipment and implement the revised AQM program.
- Revise Second-Step Hydrogeologic Framework Assessment Work Plan per EPA comments.
- Submit the SLIRE Work Plan for EPA and ATSDR review.
- Participate in Yerington Technical Working Group meeting February 16.

If you have any questions or comments, please feel free to contact me at (661) 287-3855 or via e-mail at thunril@bp.com.

Sincerely,


Roy Thun
Environmental Business Manager

cc: Joe Sawyer, NDEP – via electronic mail
Pat Plumb, BLM – via electronic mail
Dan Newell, City of Yerington – via electronic mail
Phyllis Hunewill, Lyon County Commissioner – via electronic mail
Chris Winsor, Atlantic Richfield Company - via electronic mail
Todd Normane, Atlantic Richfield Company – via electronic mail
Chuck Zimmerman, Brown and Caldwell
Ed Schneider, Norwest Applied Hydrology – via electronic mail
Lyon County Library System Central

